The following steps are necessary to set up TLS encrypted email communication:

1. **Buy a certificate** (should be possible for min 25 € per year).
   The required steps to generate a private and public key for your email gateway will be described in detail by the certificate vendors, e.g. www.geotrust.com “Install SSL Certificate”.

   **Example certificate Authorities:**
   - Deutsche Telekom AG [http://www.telesec.de](http://www.telesec.de)
   - Entrust.net [http://www.entrust.net](http://www.entrust.net)
   - Equifax [http://www.geotrust.com](http://www.geotrust.com)
   - GTE CyberTrust [http://www.verizonbusiness.com](http://www.verizonbusiness.com)
   - GlobalSign [http://www.globalsign.com](http://www.globalsign.com)
   - TC TrustCenter [http://www.trustcenter.de](http://www.trustcenter.de)
   - Thawte [http://www.thawte.com](http://www.thawte.com)
   - VeriSign [http://www.verisign.com](http://www.verisign.com)

2. **Import the purchased certificate to your mail server or mail gateway** as described in detail by your chosen certificate vendor, e.g. [www.geotrust.com](http://www.geotrust.com) “Install SSL Certificate”.

3. **Change settings at your email gateway** (if you don’t run an own email gateway, your provider has to do it) for incoming and outgoing emails for the domain hella.com:
   - **Outgoing emails:**
     - Target domain: hella.com
     - TLS mode: Required – Verify (or “mandatory TLS”)
   - **Incoming emails:**
     - For source / origin domain: hella.com
     - TLS mode: Required – Verify (or “mandatory TLS”)

4. Inform Hella that emails that you are now ready to send and receive emails using mandatory TLS. For this, please fill the request document at [www.hella.com/securemail](http://www.hella.com/securemail) and send it to securemail@hella.com
Testing whether your email server is able to receive emails in TLS mode:

On the website [www.checktls.com](http://www.checktls.com) you can check whether your mail gateway accepts to receive TLS encrypted e-mails. To start testing, enter your email address. If TLS is accepted, you will see it in the response protocol (“TLS Adv”, “TLS Neg”, see screenshot below):

![TestReceiver](image)

In case your mail gateway already accepts TLS-encrypted communication, you only need to do step 3 and 4.

If your domain does not support receiving TLS encrypted email, it will look like the following:

![TestReceiver](image)